



# **DTS TIGRE EYE**

## **Video Image Processing**

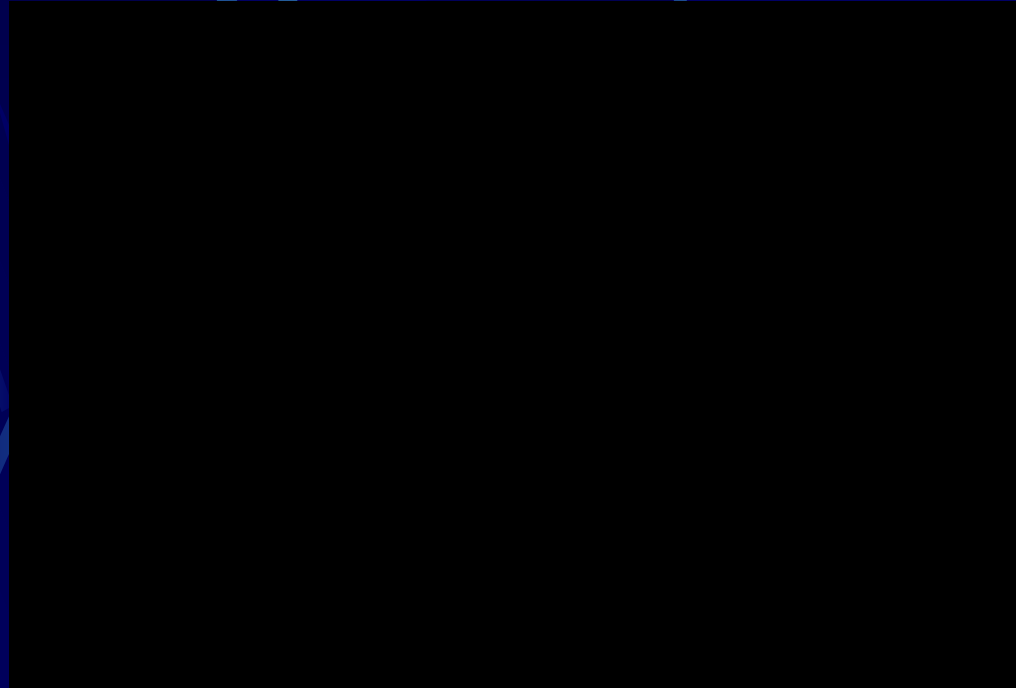
### **OVERVIEW**

# **DTS Tiger Eye Process**

- Field of View
- Region of Interest
- Vehicle Tracking & Counts
- Calibration
- User Interface

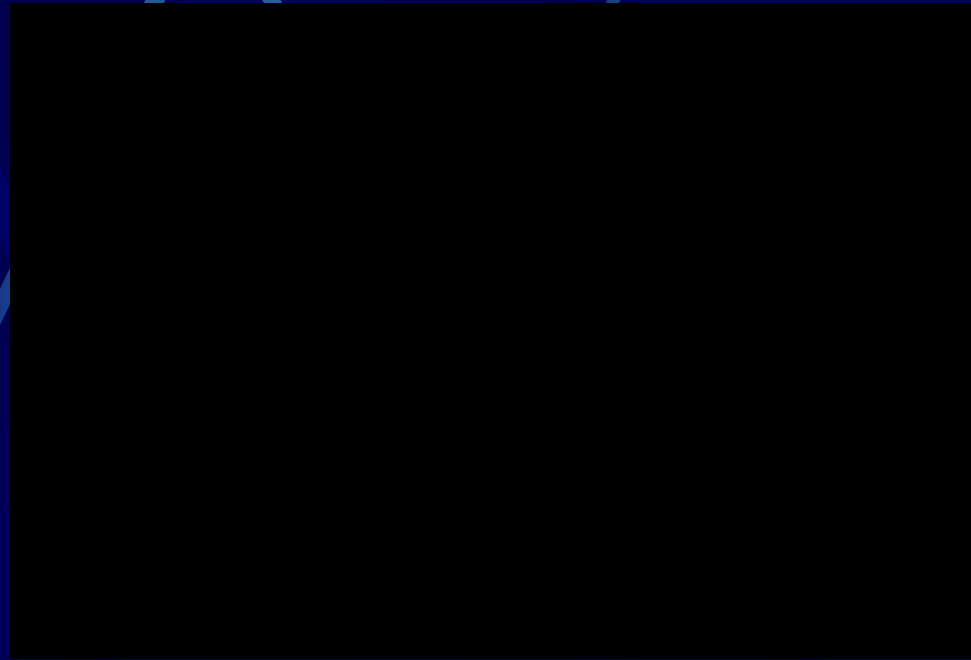
# DTS Tiger Eye Field of View

- Geometry Dependent
- Optimum: 40' camera mount
  - Horizontal FOV
- Camera Tilt: Overhead
  - can be off angle
- Minimize obstructions
  - Shadowing
  - Occlusion



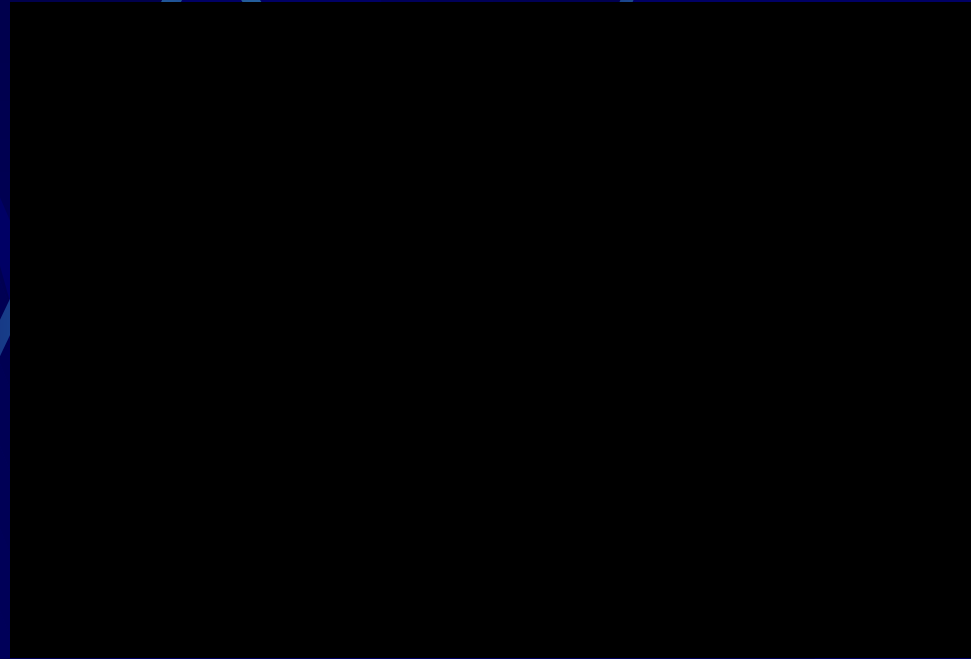
# **DTS Tiger Eye Region of Interest**

- User Selectable
- Lanes or regions
- Only limited by FOV
- Bi-directional



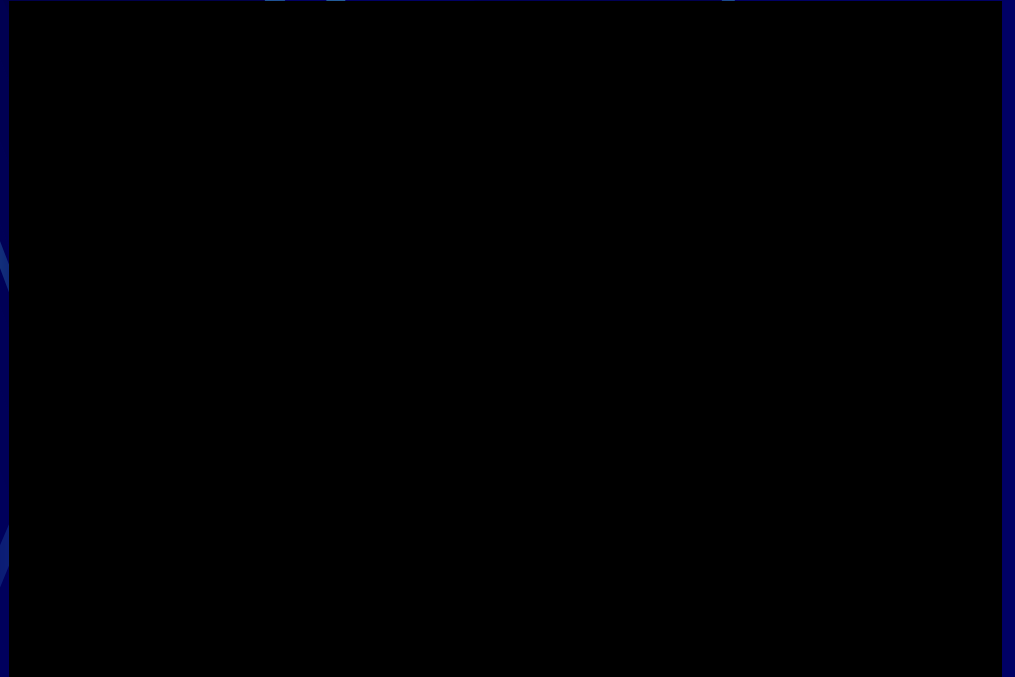
# DTS Tiger Eye Tracking/Count

- User Defined site
- Multiple locations in FOV
- Counts vehicles at exit point/box
- Track Objects
- Classifies Vehicles



# DTS Tiger Eye Calibration

- User friendly
- On screen references
- Within FOV
- Based upon distance



# DTS Tiger Eye User Interface

- Open Architecture
- User Defined
- Data tables
- Web based
- Remote VIP

